

FIG. 1

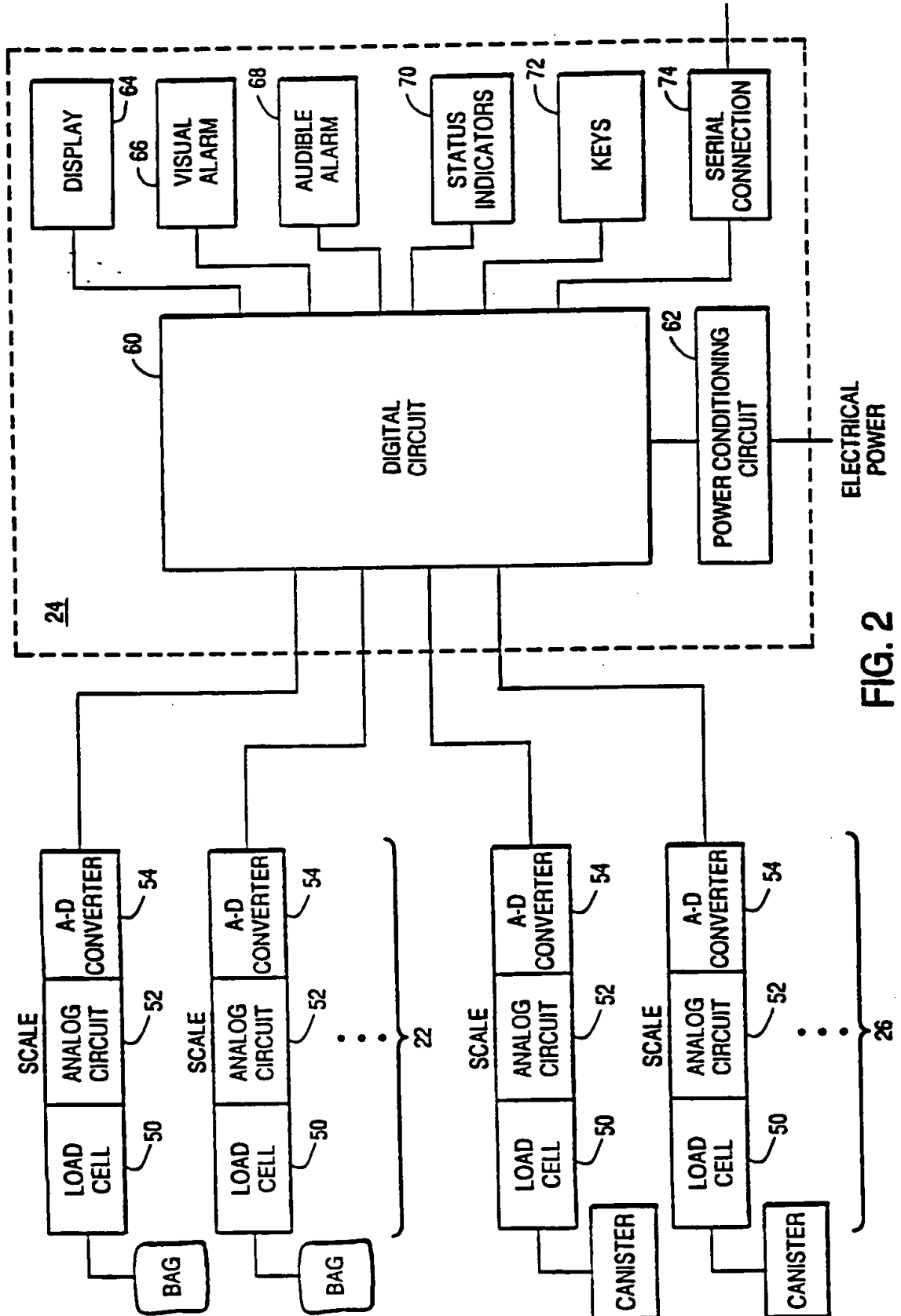
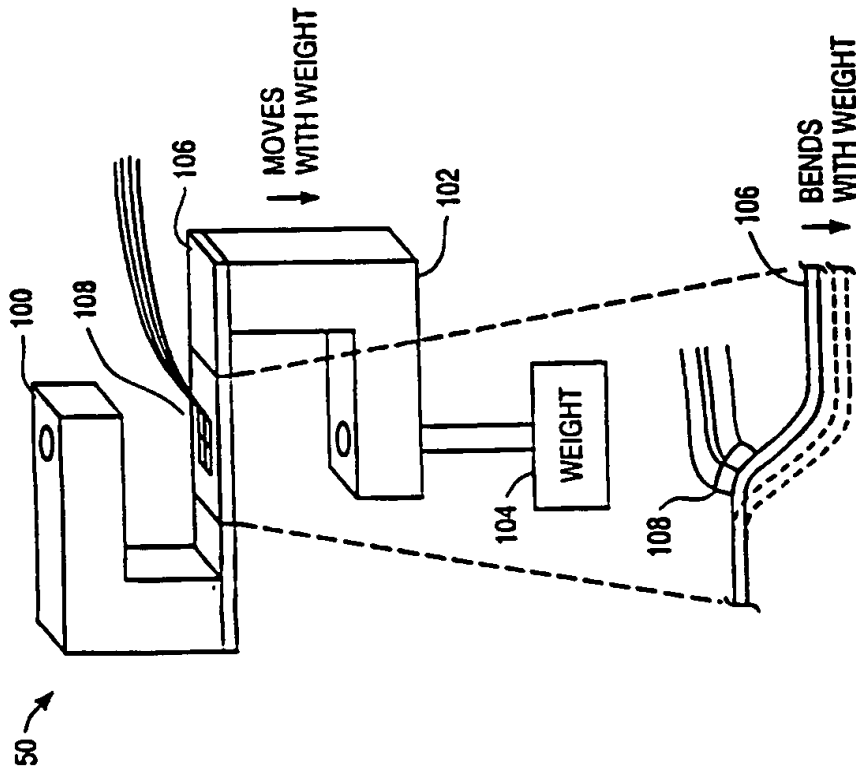
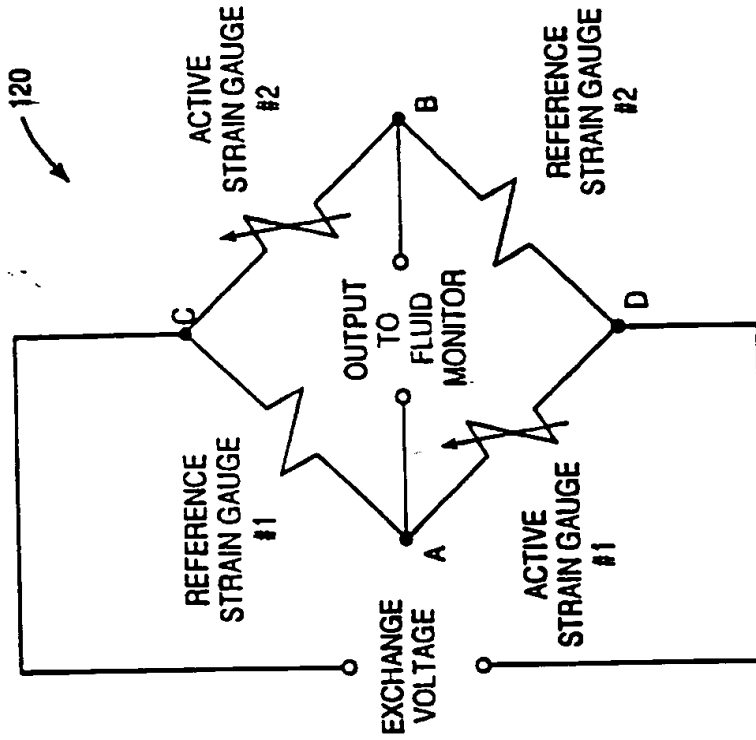


FIG. 2



EXPLODED/EXAGGERATED VIEW
OF BEAM SHOWING INCREASED
BEND WITH MORE WEIGHT

FIG. 3A



STRAIN GAUGE BRIDGE

FIG. 3B

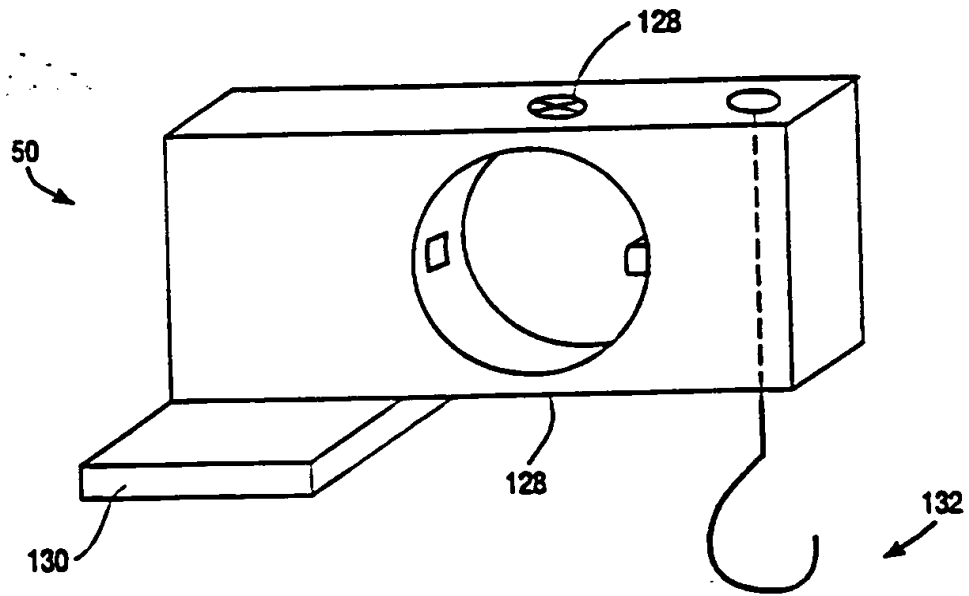


FIG. 3C



FIG. 4

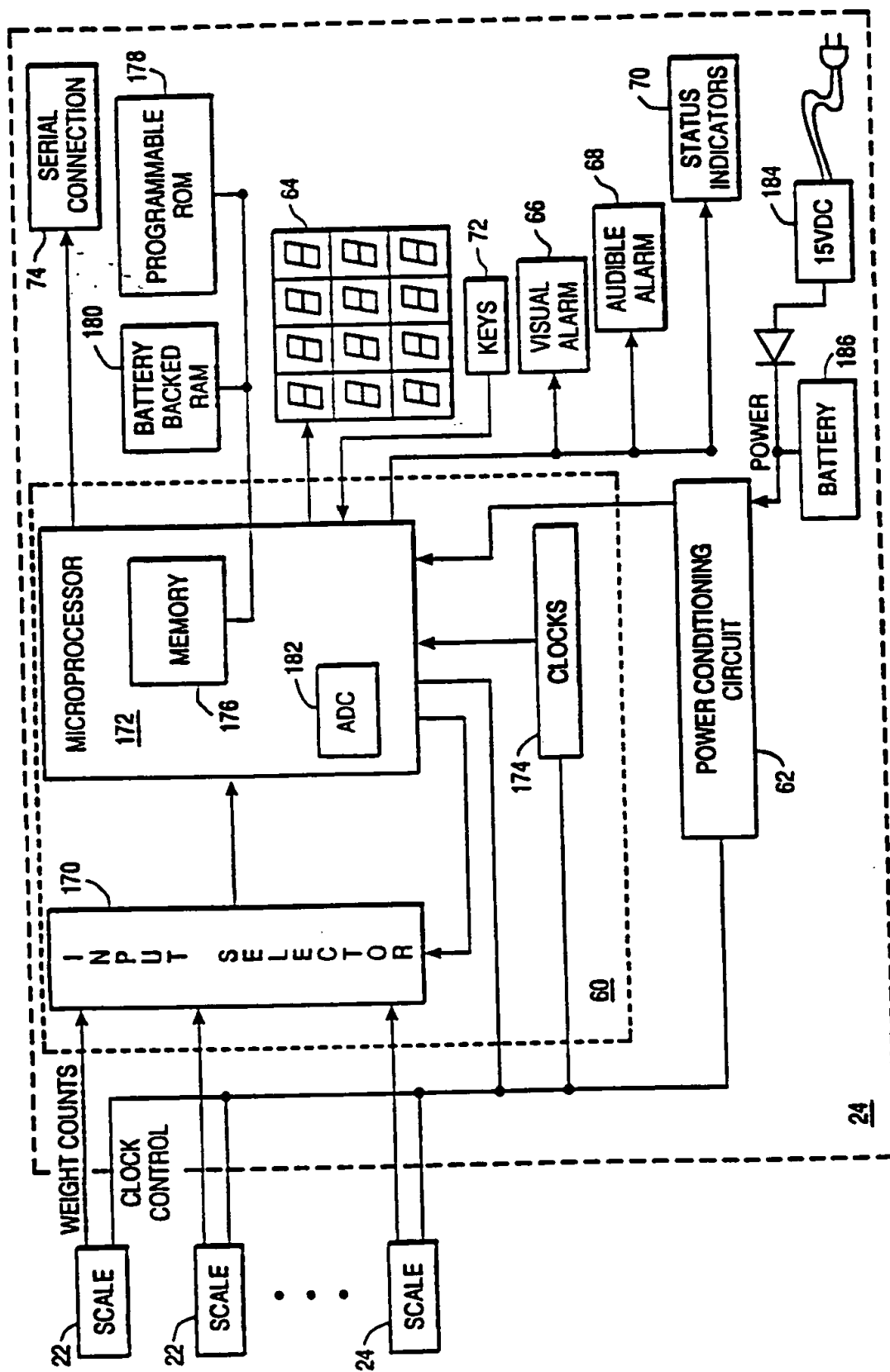


FIG. 5

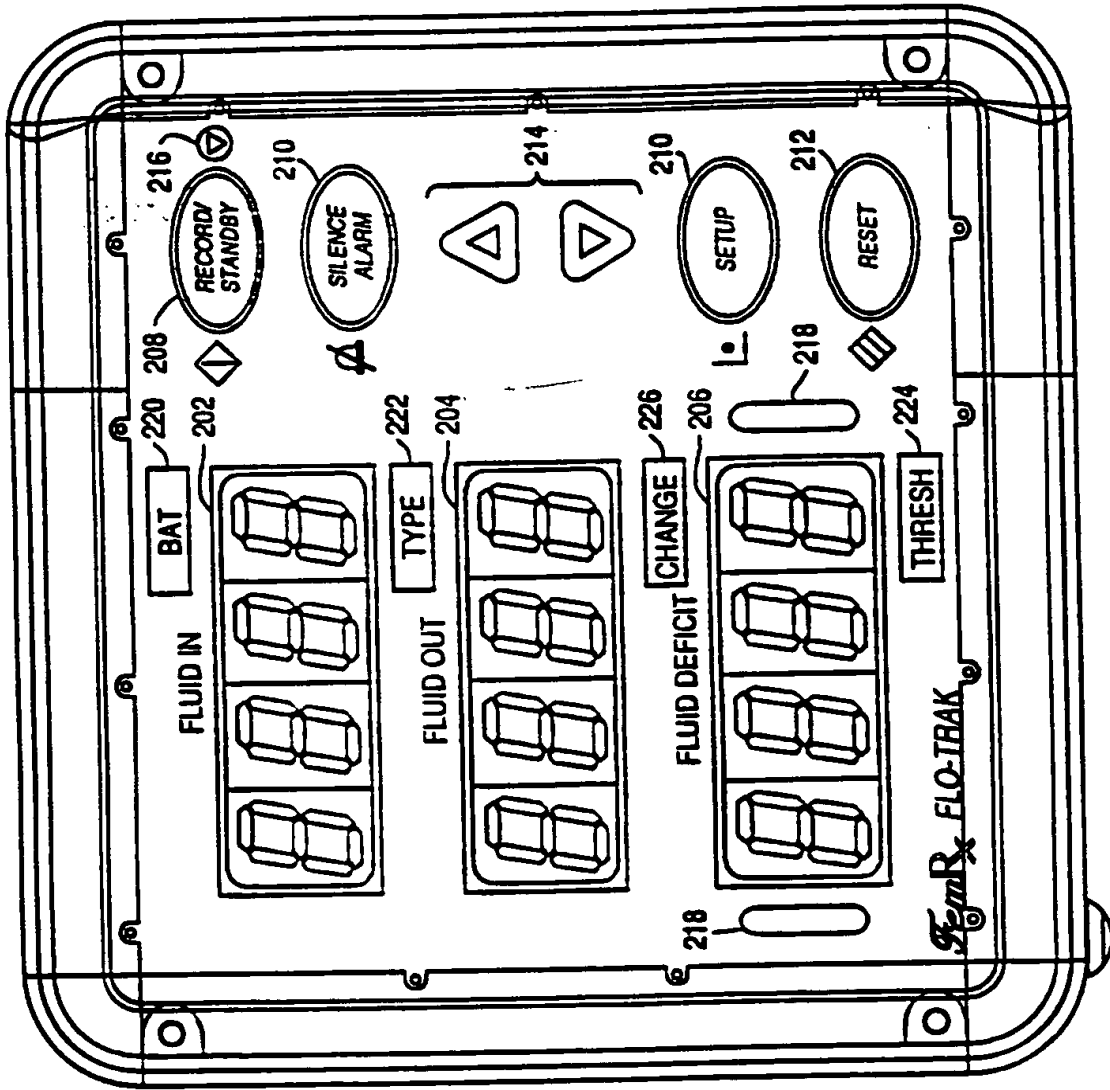


FIG. 6

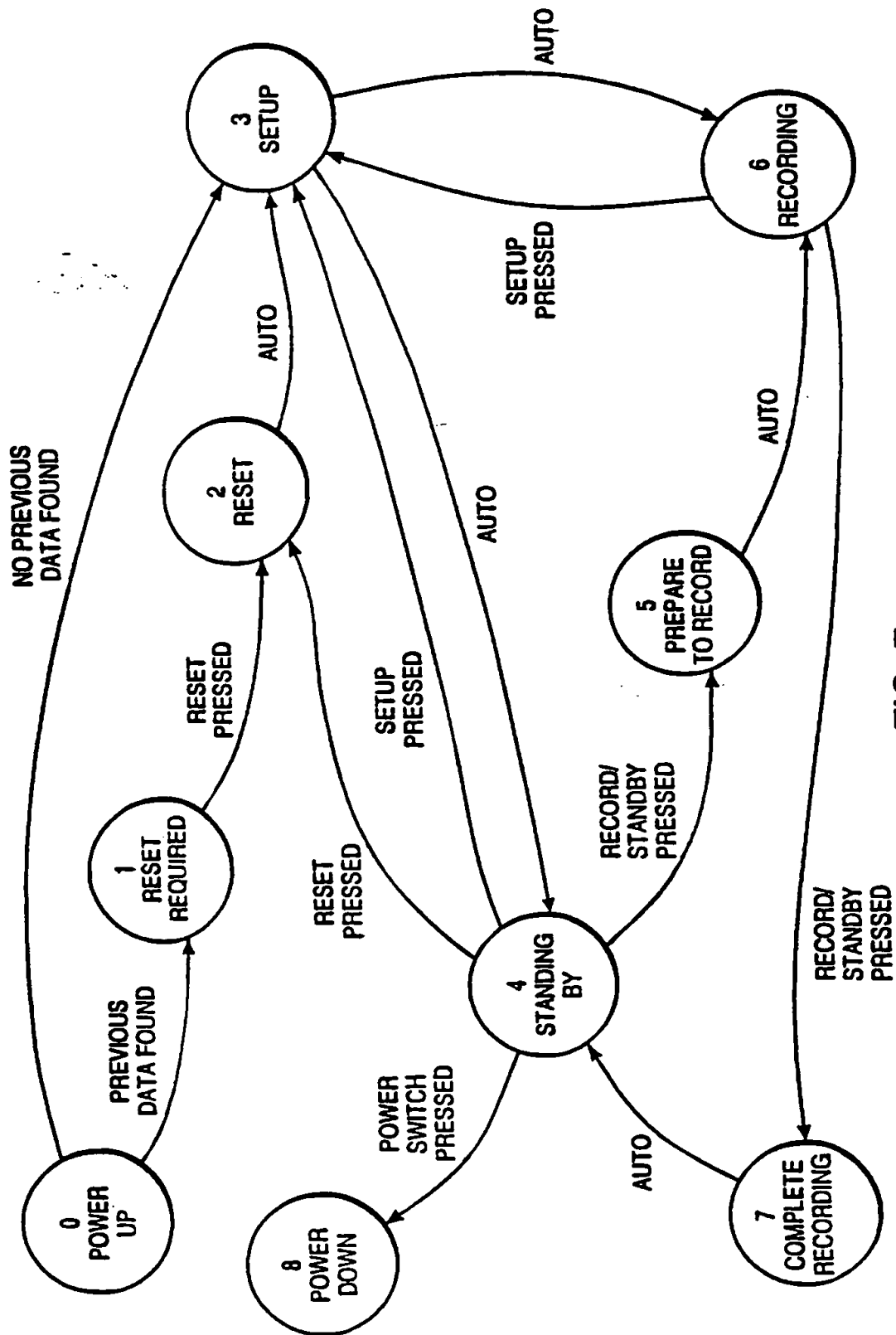


FIG. 7

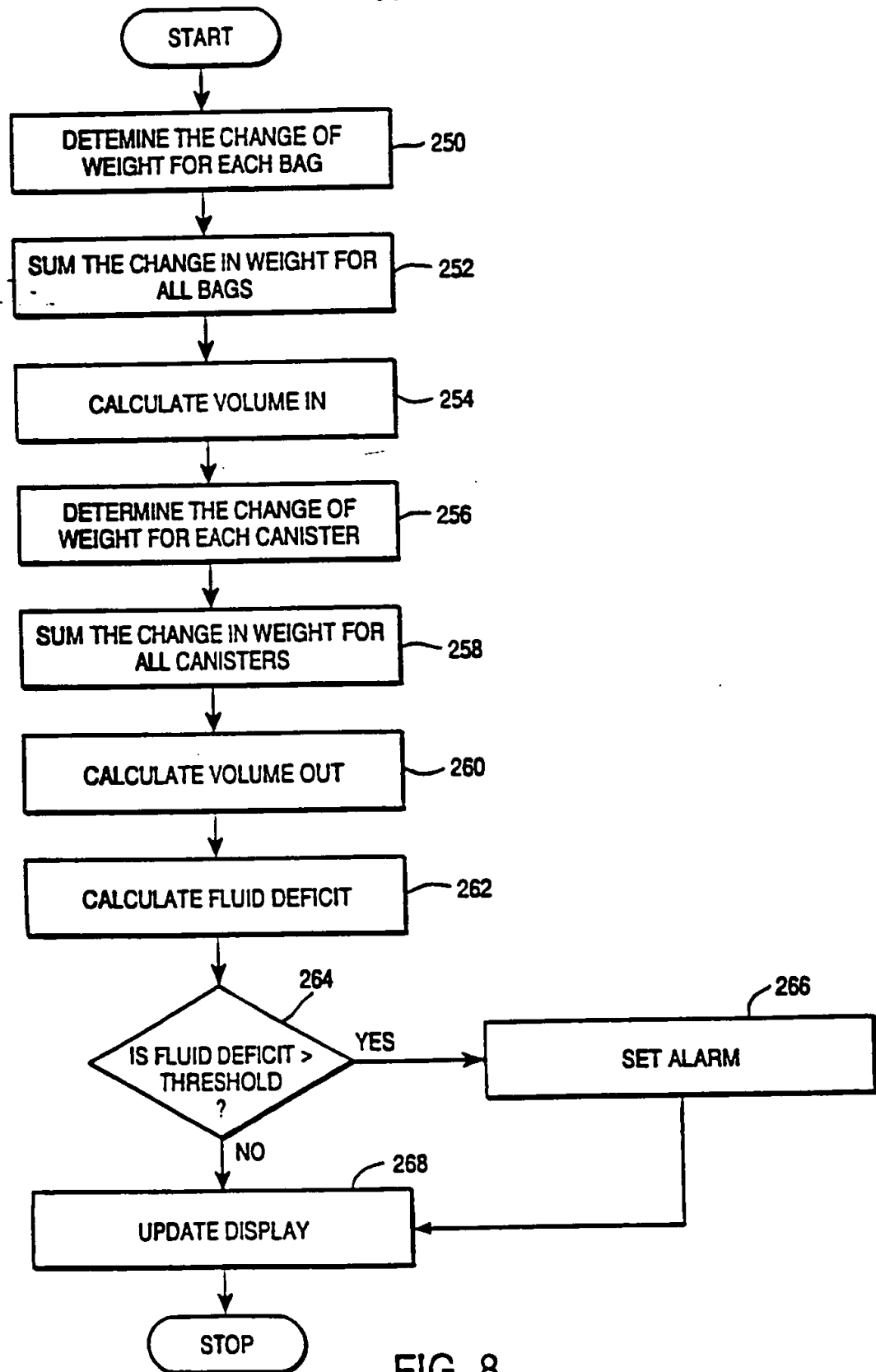


FIG. 8

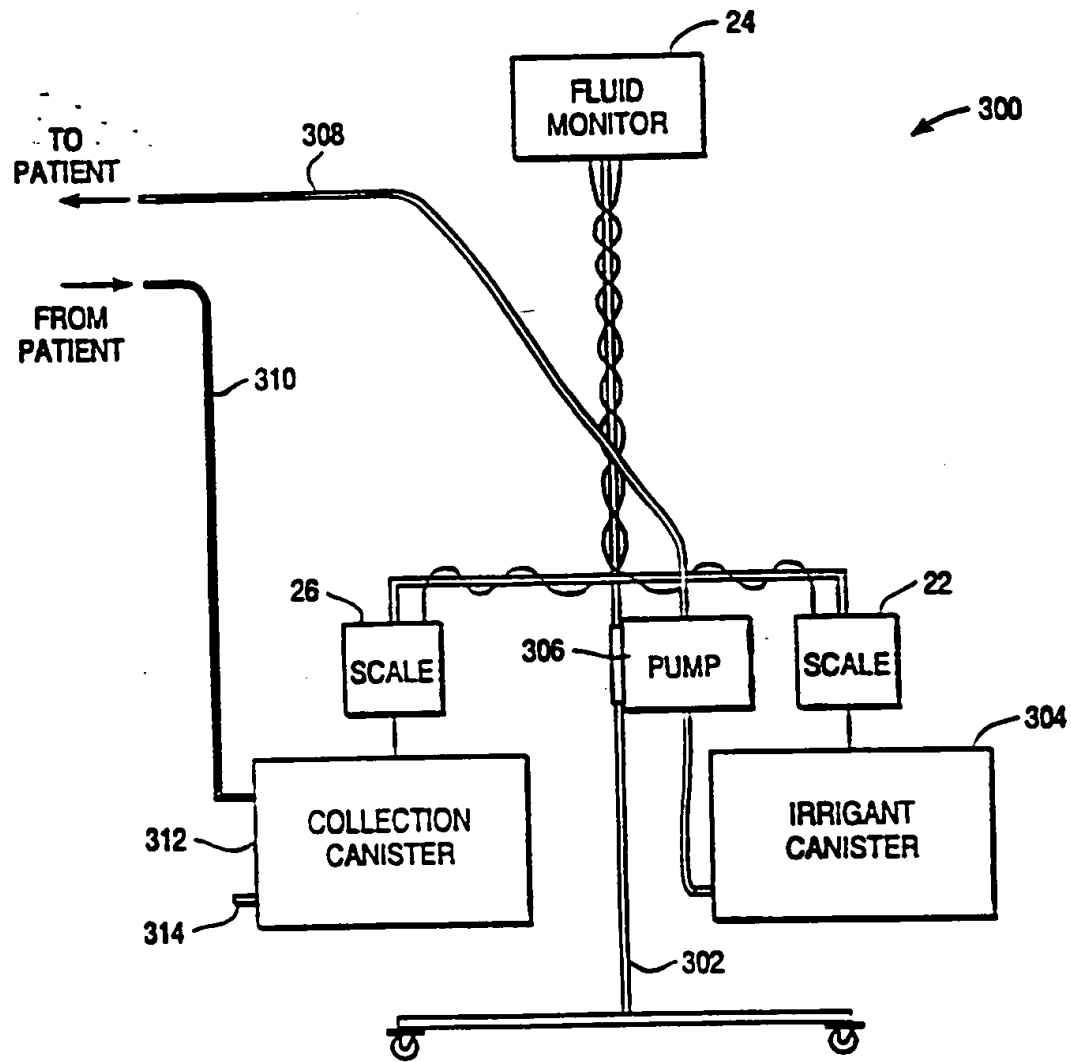


FIG. 9

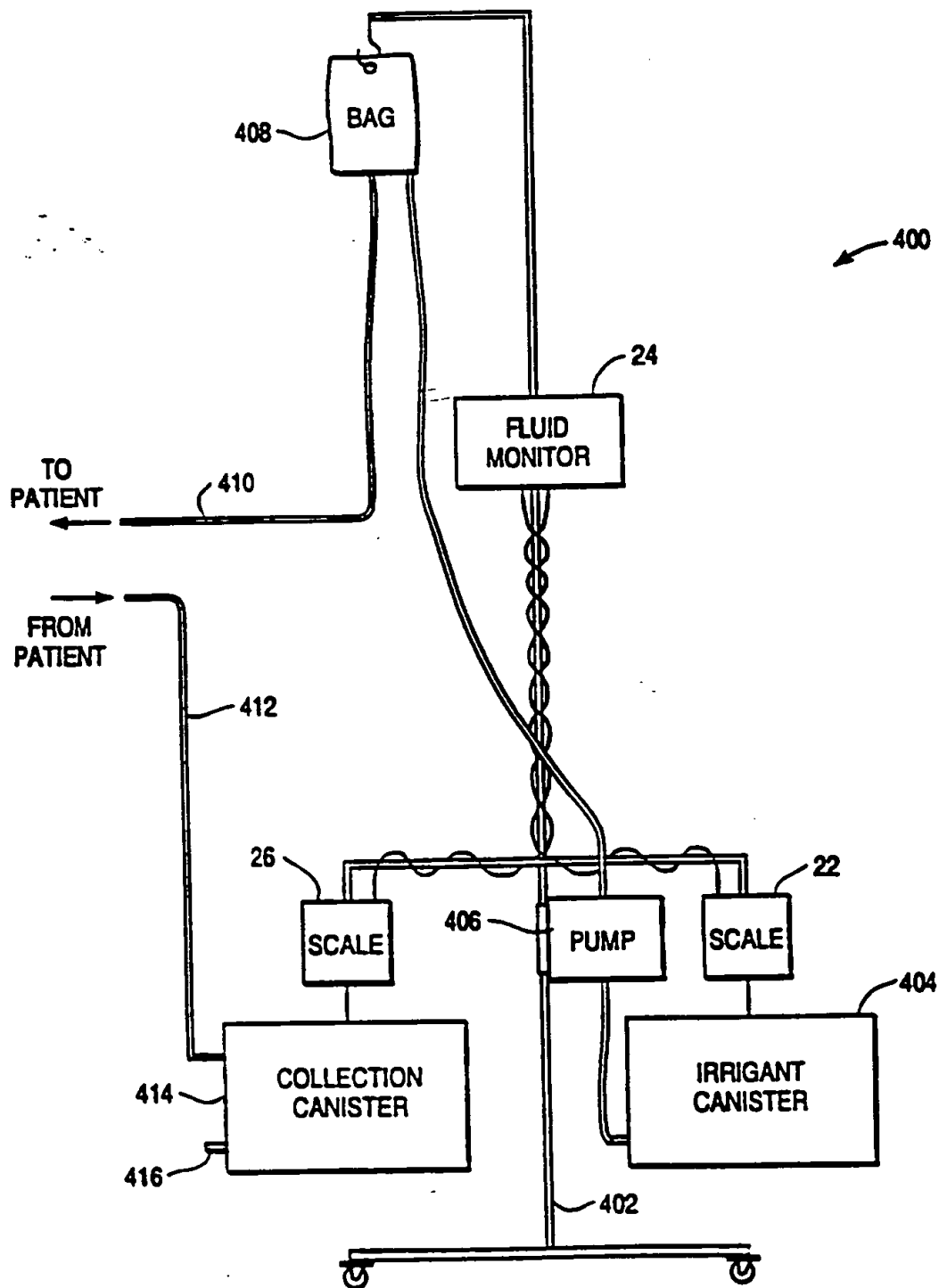


FIG. 10